CLASSIFICATION

REPORT

50X1-HUM

CENTRAL INTELLIGENCE AGENCY INFORMATION FROM FOREIGN DOCUMENTS OR RADIO BROADCASTS

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SOURCE

Newspapers and periodical as indicated.

COMPLAIN OF HARDWARE SHORTAGE; NEW BUILDING TOOLS GO INTO PRODUCTION

AXES, BUT NO HANDLES -- Petrozavodsk, Leninskoye Znamya, 5 Sep 50

A reader complains that carpenters' and joiners' tools cannot be bought. There are no planes in the stores of Petrozavodsk, he writes, nor are there any in the rayon centers. There are a few axes to be found, but these have no handles.

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PLAN SERIES PRODUCTION OF UNIVERSAL TOOL -- Mekhanizatsiya Stroitel'stva, Sep 50

The Leningrad Elektroinstrument Plant has built some experimental models of the new UEK-1 universal power tool, and has received plans for its series production worked out by the All-Union Scientific-Research Institute for Construction- and Road-Machine Building. The machine was originally designed by a pattern-maker at the plant.

Basically, the UEK-1 consists of an electric motor and transmission-gear assembly. On this body various attachments may be affixed, so that the tool, secured to a bench or operated as a hand tool, can be used at a drill, a disk saw, a band saw, a wood lathe, a mill, a tool-sharpener, or sander. It is to be used in pattern shops, or other places where wood working is carried out on an individual production basis, and one tool which can perform many operations is needed.

The electric motor is of the three-phase, squirrel-cage, induction type, of 0.5 kilowatts' power at 2,005 revolutions per minute.

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STANDARDIZE DESIGN OF NEW PUMPS -- Mekhanizatsiya Stroitel'stva, Sep 50

The Rostokinskiy Construction-Machine Plant is series-producing three portable machines, for pumping liquid mixtures used in building operations. Considerable standardization in the design has been maintained.

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Specifications follows:

	Type Fump		
	<u>s-251</u>	<u>s-256</u>	<u>s-263</u>
Productivity (cu m/hr) Weight (kg) Length, without cart handles (mm) Width (mm) Height (mm) Power of electric motor (kw) Rpm Diameter of plunger (mm) Stroke (mm)	1	2	3
	180	180	180
	820	820	820
	445	445	445
	760	760	760
	1.2	2.2	2.2
	1,000	1,500	1,500
	80	80	80
	74	74	86
Stroke frequency per min Max working pressure (atm)	90	150	180
	10	15	15

MAKES VIBRATOR TUBE -- Mekhanizatsiya Stroitel'stva, Oct 50

The Rostokinskiy Construction Machinery Plant is now producing a vibrator tube for feeding concrete to places inaccessibly by buckets. The machine, designated the S-267, will reach to a depth of 15 meters, and weighs 1,100 kilograms. It was designed by the All-Union Institute for Construction- and Road-Building Machinery.

The vibrator tube is made up of sections of 1.5 and 1.25 meters in length, and can bend at the joints. To speed the flow of the concrete down the tube, three I-7 vibrators are attached to the tube. A gate at the bottom of the tube regulates the flow of concrete.

PRODUCE SIFTER FOR CONSTRUCTION MATERIALS -- Mekhanizatsiya Stroitel'stva, Oct 50

The Khar'kov Plant of the Ministry of Construction- and Road-Machinery Building has begun series production of the new S-255 vibration unit, designed for sifting plaster and other covering materials used in construction. It weighs 44.7 kilograms, and is powered by an O.4-kilowatt electric motor, of the type used on the I-52 vibrator.

PUT OUT ABOVE-PLAN PAINT SPRAYERS -- Vil'nyus Sovetskaya Litva, 3 Nov 50

The Novo-Vil'nya Paint-Apparatus Plant has completed the year plan for range of products ahead of time, and shipped out a great number of above-quota paint sprayers, compressers, and allied equipment. Cost of production was considerably decreased, and about one-half million rubles were saved in excess of plan.

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